

ABSTRACT OF THE DISCLOSURE

An improved MPEG coding method for a moving picture signal, and a system and method for transmitting coded moving picture data using the improved MPEG coding method, fixes an object, selected as a reference frame of inter-frames, to an intra-frame. The moving picture transmission system includes a video processing unit for processing and coding a received video signal receiving a video signal using the improved MPEG coding method, and a transmission unit for transmitting the coded moving picture data in real time, adapting the data to a variation in a network transmission rate. Accordingly, moving picture data, received from a remote fixed camera and coded, can be transmitted in real time, being adapted to a flexible transmission rate of a network.